

28-621-785-6

ASBESTOS MATERIALS

PIPE COVERINGS.



CEMENTS ETC.

ASBESTOS ROOFINGS.

BOWEN & MARTIN,
112 SOUTH SECOND ST.,
PHILADELPHIA, - - PENN'A.



ASBESTOS MATERIALS.

SECTIONAL,
REMOVABLE
AND
INSULATING
PIPE
COVERINGS.

CEMENTS, ETC.



ASBESTOS ROOFINGS.

INDEX.

"Imperial" Covering.....	6
" Lagging.....	8
"Chelastestos" Covering.....	9
" Lagging.....	9
Asb. Felted Lagging.....	10
" Moulded Blocks.....	10
" Covering.....	11
"W. B." Covering.....	12
"Eureka" Covering.....	12
Hot Water Covering.....	13
Asb. and Hair Felt Cov.....	13
Ammonia and Brine Pipe Covering.....	13
Frost Protective Cov.....	14
Hair Felt.....	14
Asbestos Suberine Ce- ment Felting.....	15
Asb. Cement Felting.....	15
Mineral Wool.....	16
Asb. Hot Blast Cement.....	16
" Furnace Cement.....	16
" Retort Cement.....	17
" Stove Lining Ce- ment.....	17
" Impermeable Sheet Packing.....	17
" Mill Board.....	18
" Glass House Sheets.....	18
" Poll Mill Board.....	19
" Lagging Felt.....	19
" Sawdust.....	19
" Fire and Water proof Sheathing.....	19
Chelastestos Corrugated Roll Lagging.....	20
Asb. Wick Packing.....	21
" Piston Rod Pack- ing.....	21
" Braided Packing.....	21
" Braided Rubber Core Packing.....	21

Asb. Lubricated Piston & Wick Packing.....	21
" Woolen Cloth Packings.....	22
Indurbestos Sheet Packing.....	22
" Packing.....	22
" Cord.....	23
Asb. Tape.....	23
" and Rubber Cloth.....	24
" and Rubber Cloth Metallic Gaskets.....	24
Indurbestos Wound Gaskets.....	24
"Triumph" Asb. Tu- bular Gasket Packing.....	25
Asb. Gaskets.....	25
" Cloth.....	26
" Theatre Curtains.....	26
" Twine.....	26
" Thread.....	26
" Cord.....	27
" Fire Escape Rope.....	27
" Tubes.....	27
" Fibre.....	27
"Imperial" Asb. Water Paint.....	28
Asb. Baking Sacks.....	28
"Reliance" Asbestos Roofing.....	29
"Defender" Asbestos Roofing.....	30
"Perfection" Asbestos Roofing.....	30
A. B. Roof Coating.....	31
" Flexible Roofing Coating.....	31
" Fireproofing Coating.....	32
" Asb. Roof Coating.....	32

STANDARD PRICE LIST OF SECTIONAL PIPE COVERING AND FITTINGS

SIZES.	COV.	ELLS.	TEES.	CROSSES.	VALVES.
1/4 in.	\$.22	\$.30	\$.33	\$.40	\$.54
3/8 "	.24	.30	.33	.48	.54
1 "	.27	.30	.36	.48	.54
1 1/2 "	.31	.30	.36	.48	.54
2 "	.35	.35	.42	.54	.60
2 1/2 "	.40	.42	.43	.60	.78
3 "	.45	.48	.54	.70	.93
3 1/2 "	.50	.54	.60	.80	1.20
4 "	.55	.60	.75	.95	1.50
4 1/2 "	.65	.72	.90	1.10	1.85
5 "	.75	.90	1.20	1.50	2.25
6 "	.80	1.30	1.60	2.00	2.80
7 "	1.00	1.80	2.20	2.80	3.60
8 "	1.10	2.40	3.00	3.60	4.40
9 "	1.20	3.00	3.80	4.40	5.30
10 "	1.30	3.60	4.60	5.20	6.20
12 "	1.85	—	—	—	—

When calling for quotations always state steam pressure for which covering is to be used.

Prices shown in this list are for lineal feet.

ASBESTOS PRODUCTS.

"IMPERIAL" ALL ASBESTOS PIPE COVERING



In purchasing a covering for heated surfaces, it is of the utmost importance to take into consideration the number of years the covering will last and do good service, as well as its powers for resisting high temperature, and its nonconducting properties.

The durability of coverings varies greatly in the different kinds. Some will break or fall off the heated surfaces or become otherwise defective in a year or two. Others, being unable to resist high pressure, become charred or burned and are thus useless as insulators.

A good covering should be one that can be removed when necessary to make changes, or repair leakage or other damage to pipes, and be replaced without injury to itself.

Most of the coverings on the market, like magnesia, mineral wool, etc., are moulded into shape and it is difficult, or next to impossible on the first application to place the covering on the pipes without producing fractures or cracks in the different sections.

This class of covering when exposed to dampness or wet steam, disintegrates and falls to pieces.

Our "Imperial" is of an entirely different construction. It is made of alternate layers of pure indented asbestos felt, and plain asbestos felt, wire stitched at the edges, and covered with a heavy canvas jacket.

finished appearance and will give the best of results

See Price List on Page 3

"IMPERIAL" ALL ASBESTOS BOILER COVERING OR LAGGING

The "Imperial" boiler covering or lagging is essentially of the same formation as the covering heretofore mentioned with the exception of being in sheet form.



It is furnished with or without canvas jacket and can be fastened when applied, by using staples, or the sections can be laced together.

It is recommended for covering large or irregularly shaped surfaces such as upright and horizontal boilers, both stationery and portable, grums, domes, heaters, stills, breechings, etc.

Cement work when torn off for repairs to the heated surfaces has to be replaced with new material, whereas the Imperial can be laid aside, the work completed and the same section replaced.

Its elasticity is another good feature allowing the covering to be shaped to fit almost any irregular surface. As a covering for locomotives and marine boilers it is vastly superior to others and has merits that recommend it for these uses. As a result of constant jarring some covering will crumble and fall away while the Imperial will remain as firm and useful as when first applied. Stock size sheets 24 x 36 inches. Special sizes and shapes to order.

See Price List on Page-5.

"CELASBESTOS" SECTIONAL PIPE COVERING
FOR HIGH PRESSURE STEAM PIPES.



This covering is formed in regular sections three feet in length, of alternate layers of plain and fluted asbestos canvassed on the outside, and secured to the pipes with metal bands.

This covering is light in weight; strong, fire-proof, non conducting, not injured by seam or moisture, and easily applied, entirely suited for all high pressure work. Will not crack or powder from vibration of pipes. Made in three thicknesses, $\frac{1}{2}$ in. $\frac{3}{4}$ in. and 1 in.



See Price List on Page 3.

NOTE—Our "Imperial" All Asbestos Fittings are supplied with this covering.

"CELASBESTOS"
FIRE-PROOF LAGGING BLOCKS

Made in blocks or sheets formed by use of successive layers of our Celasbestos as described on page-20. The layers are placed so that the air space runs at right angles to that in the adjoining layers.



The sheets

are adapted for all heat insulating purposes, such as covering boilers, heaters, large flues, ceilings, fire doors etc.

Any thickness from one-half to three inches. Stock sizes 3 x 3 feet. Special sizes as required.


Can be conformed to any curved surface by slitting a few layers on the under side.

 See Price List on Page-5.

ASBESTOS MAGNESIA MOULDED BLOCKS

There are many large surfaces such as boilers, stills, domes, heaters, etc., that cannot be covered with the sectional covering and for this work we especially make moulded blocks, which are easily applied to the surface and can be securely and cheaply fastened by the use of a large mesh wire screen. To make a more presentable appearance this screen can be covered with a thin coat of our asbestos cement felting, thus giving the work a smooth finished appearance. Special sizes, shapes and thicknesses made to order.

Made in blocks or slabs three or four inches wide, eighteen inches long and one or one and one-half inches thick. Straight or beveled edges.

 See Price List on Page-5.

ASBESTOS MAGNESIA MOULDED COVERING



We desire to call your attention to the superiority of our Asbestos Moulded Covering over other similar coverings. It will stand heat of the highest steam pressure without disintegrating, and being chemically treated in its manufacture, it is not affected by moisture. If this covering is soaked in water and dried again, it becomes as hard and firm as when originally made. It is a good non-conductor, very durable, and will out wear any other similar covering on the market.

This covering is made of asbestos fibre and other light non-conductive materials. It is very strong, is absolutely fire-proof and is adapted for highest steam pressure. It will not crack and is made to fit pipes of all diameters from one-half inch upward. The fittings are furnished of the same materials and fit perfectly.

It can be easily applied to hot or cold pipes by any practical man. We always send with this covering sufficient metal bands to securely fasten it to the pipes.


 See Price List on Page-3.

NOTE—For all pipes above ten (10) inches the use of Asbestos Magnesia Moulded Blocks is recommended.

"W. B." PIPE COVERING



Our "W. B." pipe covering is the perfection of insulating protection for steam pipes and all heated surfaces. Now-a-days it needs no extended argument to convince users of steam that it pays to protect steam pipes from the influences of the surrounding atmosphere. There are no better non-conductors of heat known than asbestos and wool felt and in our "W. B." covering these have been combined producing the best results, there being consecutive layers of asbestos (about one-eighth of an inch thick) about the pipe, outside of this the wool felt with a canvas cover or jacket. This covering is easily applied, is removable and lasts as long as the pipes themselves. Will not crack, crumble or fall away from the pipes when necessary staples are used in applying.


 See Price List on Page-3.

"EUREKA" PIPE COVERING.

For all low pressure steam pipes and hot water pipes we consider this to be an excellent covering, filling all requirements. It is made of wool felt and asbestos. Sections three feet long, canvas covered, with fittings for ells, tees, valves, etc., of same material.



We sometimes supply for rough or temporary work this same covering without the canvas jacket at a slightly reduced price.

 See Price List on Page-3.

HOT WATER PIPE COVERING

Same construction as Eureka Covering. Wool Felt with Asbestos next to the pipe. About $\frac{1}{2}$ in thick. canvas jacket.

A most suitable covering for hot water pipes, return pipes, hot air, etc., also for use in basements where it is desired to keep certain rooms or apartments cool. In sections three feet long.

 See Price List on Page 3

ASBESTOS AND HAIR FELT COVERING

An excellent non-conductor, light in weight. Suitable for all ordinary steam pressure. Made in sections three feet long. Composed of an inner lining of heavy asbestos felt, then Standard Hair Felt covering with another layer of asbestos felt and finally finished with a heavy sized paper. We can also supply it with canvas cover if desired.

The outer layer of asbestos is used to protect the hair felt and render the covering more fire proof. The necessary staples and strips for covering and fastening all laps and joints are always included in making shipments. Special fittings go with this covering.


 See Price List on Page 3

AMMONIA AND BRINE PIPE COVERING

We make a special covering for these purposes. In chemical plants, breweries, cold storage houses, etc., a great deal of damage is done by the sweating of pipes, and considerable loss is experienced. By the use of these coverings, this is avoided, and the saving will, in a short time, fully repay for the expense of covering the exposed pipes and surfaces.

CAUTION—In applying the Ammonia and Brine Pipe Coverings, great care should be exercised to form perfectly air and water-tight joints; otherwise the Covering will prove useless. We

make a special cement in liquid or paste form for this work, also for covering all fittings. When this cement and waterproof canvas are used, and care is exercised to see that all laps come on the under side of the pipe, there can be no possibility of moisture working in and injuring the covering itself. Liberal use of this cement is recommended.


 See Price List on Page-3.

Ammonia and Brine Pipe Cement, per lb., 8c.

FROST PROTECTIVE COVERING.

To prevent the freezing in gas and water pipes, we make, in three feet sections, a covering that is most economical and efficient.

When pipes are exposed we can supply a wrapper of canvas, which can be painted, or of waterproofed felt

 See Price List on Page-3.

TAKE NOTE—Where any of the aforementioned coverings are exposed to the weather, or where moisture or dampness are liable to affect their usefulness or durability, we can supply a heavy canvas cover which has been thoroughly saturated with pure Asphalt and other water-proof and preservative materials.

HAIR FELT.

In bales of 300 square feet, standard thickness, always in stock.

STANDARD PRICE LIST OF HAIR FELT.

$\frac{1}{4}$ in. thick,	\$.04	per square foot.
$\frac{3}{8}$ " " .....	.04 $\frac{1}{2}$	" " "
$\frac{1}{2}$ " " .....	.04 $\frac{3}{4}$	" " "
$\frac{3}{4}$ " " .....	.05 $\frac{1}{2}$	" " "
1 " " .....	.06 $\frac{1}{2}$	" " "
1 $\frac{1}{4}$ " " .....	.08 $\frac{1}{2}$	" " "
1 $\frac{1}{2}$ " " .....	.10	" " "
3 " " .....	.12	" " "

ASBESTOS SUBERINE CEMENT FELTING.

This is one of the best non-conducting cements ever offered to the trade. It is made of Asbestos fibre, granulated fossil cork and other cementing materials. It is put up in bags and barrels, in dry state, to be mixed with water to about the consistency of mortar when applied. Each package contains a sufficient quantity to cover a surface of 40 square feet, 1 inch in thickness.

Price per barrel or sack,.....\$3.25

ASBESTOS CEMENT FELTING.

This is a dry cement, prepared by mixing Asbestos fibre and other non-conductive and cementing materials so as to render them available for covering large and irregularly shaped surfaces, such as boilers, stills, domes, heaters, etc. When mixed with water to make it the proper consistency, it is easily applied by anyone either by hand or with a trowel. We make this cement in three qualities.



"A" Brand,	per sack,	.....\$3.50
"B"	" "	..... 3.00
"C"	" "	..... 2.50

SPECIAL—We also furnish a special cement for finishing purposes. It is applied in a thin coat over the other cement, sets quickly and gives a smooth, hard finish to the covering or lagging.

NOTE—In applying our cement coverings, better results can be obtained when they are applied over an air-space formed of wire cloth and studs.

ASBESTOS HOT BLAST CEMENT.

A strictly first-class fire-proof cement, especially adapted for covering surfaces exposed to a high heat, such as hot blast pipes, smoke pipes, furnaces, retorts, etc., also used as fire-proof deadening under floors and roofs. Covering capacity of this cement, 40 square feet 1 inch thick.

Price per barrel or bag,..... \$4.00

MINERAL WOOL.

For deadening walls, floors, partitions and for insulating purposes. Two grades, Nos. 1 and 2. Prices on application.

ASBESTOS FURNACE CEMENT



One of the best materials in existence for lining heating stoves, furnace doors, repairing broken joints in furnaces, etc.

When subjected to intense heat it vitrifies without becoming porous or shrinking. Will not harden if package is unopened, after it

has been opened a damp cloth or tight cover should be used to prevent it from hardening.

400 to 600 lb. casks, per lb.,.....	\$.04
100 " 300 " kegs, " " .....	.04½
25 " 50 " tubs, " " .....	.05½
10 " cans, " " .....	.10
5 " " " " .....	.12
3 " " " " .....	.15

ASBESTOS RETORT CEMENT.

Invaluable for "setting up" or repairing broken clay or iron gas retorts, pipes, etc.; and for cementing joints in stone and metals. Is acid proof and vitrifies under intense heat, very strong and durable. Prepared ready for use, not affected by gasses, oils, etc. Easily applied by trowel or hand.

400 to 600 lb. casks, per lb.	\$.04
100 " 300 " kegs, " "	.04½
25 " 50 " tubs, " "	.05½
10 " cans, " "	.10
5 " " " "	.12
3 " " " "	.15

ASBESTOS STOVE LINING CEMENT.



This is a plastic cement composed of Asbestos and fire-proof cementing materials. Used as a bed for laying fire-brick or facing walls subjected to great heat, lining cooking stoves, heating stoves and furnaces, mending broken iron

or brick linings. Will not warp or burn off.

400 to 600 lb. casks, per lb.	\$.04
100 " 300 " kegs, " "	.04½
25 " 50 " tubs, " "	.05
10 " cans, " "	.08
5 " " " "	.10
3 " " " "	.15

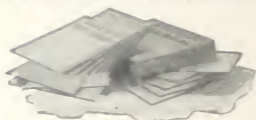
ASBESTOS IMPERMEABLE SHEET PACKING.

An Asbestos Sheet, acid and steam proof. Excellent gasket packing for pumps, boilers, cylinder heads, manholes, etc.

In sheets, any thickness, per lb. \$.25

ASBESTOS MILL BOARD

One of the most economical packings for chemical works, oil stills, flange joints, cylinder heads,



insulation in stoves, ranges and ovens, also for lining grates, ceilings, etc. Fire-proof and acid-proof, made soft, medium and hard.

Stock size 40x40 inches, 42x44 inches and 44x48 inches; special sizes to order. Thicknesses from 1-32 to 1 inch.

Price per pound.....\$.10

NOTE—We are furnishing an extra hard, even and smooth surfaced board for making fire backs or back walls in grates and fire places, natural gas fires etc. Also extra hard sheets for glass workers use, cut to any size. We make a VERY SUPERIOR quality of Asbestos Mill Board for electrical purposes.

APPROXIMATE WEIGHT PER SHEETS 40x40 INCHES.

1-16 in...	3 to 4 lbs.	3-8 in.....	22 to 24 lbs.
1-8 ".....	7 " 7 1/2 "	1-2 ".....	28 " 30 "
1-4 ".....	13 1/2 " 14 1/2 "		

Intermediate thicknesses, proportionate weights of full cases average 250 to 300 pounds.

GLASS HOUSE SHEETS

Hard stiff, flat sheets of asbestos specially prepared for glass workers use and for carrying small heated articles.

PRICE LIST OF GLASS HOUSE SHEETS.

Size of Sheet.	3-32 in. thick.	3-16 in. thick.
6x 8 in.....	\$.25.....	\$.30
8x 8 ".....	.25.....	.32
10x10 ".....	.27.....	.34
10x12 ".....	.29.....	.37
12x12 ".....	.32.....	.42
12x16 ".....	.45.....	.55
20x24 ".....	1.10.....	1.35
24x24 ".....	1.30.....	1.65

ASBESTOS ROLL MILL-BOARD

In rolls of 1-32 to 1-8 inch inclusive in thickness,
36 to 44 inches wide.

Price per lb. \$.10

ASBESTOS BUILDING FELT



Made of the best quality of Asbestos Fibre Possesses the highest fire-proof and non-conducting qualities, odorless, acid and vermin proof and invaluable as a protection against fire. Used for lining passenger and freight cars, sheathing houses, lining between floors and under slate, tin and iron

roofs, also, for wrapping furnace pipes. In rolls weighing 75 to 100 pounds, 36, 40 and 42 inches wide. Weighing from 6 to 16 pounds to 100 square feet.

Price per lb. \$.08

ASBESTOS SHEATHING.

A white high-grade Asbestos Fibre is used in the manufacture of our Asbestos sheathing, making it light and strong, as well as fire-proof.

It is used for special purposes and electrical work, such as wrapping small armatures, etc. Put up same as asbestos felt.

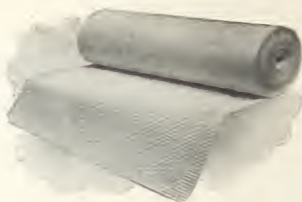
Price per lb. \$.10

ASBESTOS FIRE AND WATER-PROOF SHEATHING.

This is made of the best Asbestos and sized with a chemical composition which increases its strength and renders it absolutely impervious to water. In rolls 36 inches wide, 6 pounds to 100 square feet and upwards.

Price per lb. \$.10

CELASBESTOS CORRUGATED ROLL LAGGING.



Constructed of a layer of corrugated or fluted asbestos paper, backed by a sheet of plain asbestos.

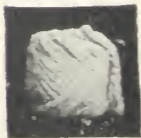


An excellent non-conductor for wrapping furnace pipes, hot air flues, to prevent burning of woodwork from overheated pipes. It is flexible, can be easily wrapped around curved surfaces and fastened with wire or metal bands. Put up in rolls 35 inches wide; 250 square feet to roll

Price per sq. ft....\$.05

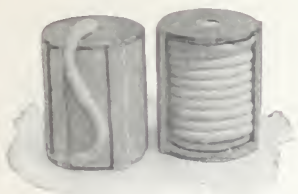
ASBESTOS WICK PACKING.

Like the piston packing next described but smaller, and available for packing around small steam valves, pumps, valve stems, etc., also used in wire mills for wiping or finishing galvanized or coppered wire. The strands can be easily separated. Acid and fire-proof. Put up in $\frac{1}{4}$, $\frac{1}{2}$ and 1 pound balls. 25 & 50 lb. boxes.



Price per lb.....\$.40

ASBESTOS PISTON ROD PACKING.



Made of the finest long fibre Asbestos, and spun and twisted into ropes of any desired size from 1/4 inch to 2 inches in diameter. This packing is very

pliable, the best and most durable known for locomotives, marine and stationary engines, etc.

Not affected by acids, dampness or heat. Put up on reels 10, 25 and 50 pounds each.

Price per lb..... \$.40

ASBESTOS BRAIDED PACKING.

This is composed of a pliable, elastic, twisted core covered with a heavy Asbestos braid, thus keeping the inside strands from loosening, or the packing from getting out of shape. It is preferred by some on



this account. Put up the same as our regular Piston-Rod packing.

Price per lb..... \$.70

ASBESTOS BRAIDED RUBBER CORE PACKING

This packing is of the same construction as our Asbestos Braided Packing, excepting the core is of best quality rubber instead of our asbestos core. The rubber core adds somewhat to its pliability. Put up same as regular piston packing.

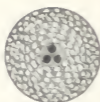
Price per lb..... \$.70

ASBESTOS LUBRICATED PISTON AND WICK PACKING.

Price per lb..... \$.70

ASBESTOS WOUND CLOTH PACKINGS.

These packings are made in several different styles, with or without rubber core, also with metallic insertion. They are formed of successive layers of Asbestos



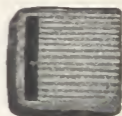
Cloth, each layer having a thin coat of our rubber composition to adhere to each other. When the cloth is wound to size or thickness, given a coating of India rubber solution. These packings are very firm and elastic, absolutely water-proof, not affected by heat, frictionless and very



efficient. Used for all kinds of high pressure work generally and also where moisture will be encountered. Especially recommended for marine work. Put up in coils or on reels, also in boxes six to eight pounds each.



Price, round or square, per pound.....\$.85
" metallic insertion " " 1.00



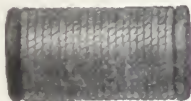
INDRUBESTOS SHEET PACKING.

An asbestos sheet treated with rubber combined with other materials. Acid and steam proof, pliable and yielding. Especially useful for electrical work, making gaskets, etc. It is an economical and practically indestructible packing. In sheets from 1-16 inch to 1-2 inch thick.

Price per lb.....\$.90

INDRUBESTOS PACKING.

We offer the above as a new and improved packing. This packing is composed of asbestos sc combined with India rubber and materials as to form a packing that will always remain pliable and make a tight joint. It is so constructed that the lubricating composition permeates



the entire packing, thus rendering it doubly useful, and as the exposed surface is worn by friction it always remains the same until the packing is taken out. In sizes from 1-4 inch to 2 inches. Put up on reels.

Price per lb.....\$.85

INDRUBESTOS CORD.

A hard twisted cord 1-16 inch or 1-8 inch in diameter. Treated same as Indrubestos packings. For packing valve stems, pumps, etc. Put up on spools or reels.

Price per lb.....\$1.00

ASBESTOS TAPE.

A flat Asbestos Tape made from woven asbestos cloth, coated and cemented with an India rubber composition. Most economical for making gaskets etc., as there is no waste whatever. It is



easily bent or formed into any shape. Used for making joints in acid tanks, also for lining around furnace doors to form a perfectly tight joint, and thus prevent escape

of vapors. Widths from 1-4 to 2 1-2 inches. Thicknesses, from 1-16 upward. Put up in coils any size, also in boxes containing 6 to 8 lbs.

Price per lb.....\$.85

Metallic Insertion..... 1.00

ASBESTOS AND RUBBER CLOTH

This is composed of regular Asbestos cloth coated with powdered asbestos and India rubber. It is very elastic and pliable and forms an excellent flat packing, or for cutting into gaskets.

Price per lb.....\$.85

Wire insertion..... 1.00

Also with wire gauze lamination if desired.

ASBESTOS AND RUBBER CLOTH METALLIC GASKETS

Exceedingly strong flat gaskets made from our Asbestos and Rubber metallic sheet. Unsurpassed for all classes of high pressure steam work and chemical plants. Withstand heat and moisture, are flexible and compressible.



Made in all sizes for hand holes and man holes. Special shapes and sizes to order.

Price per pound.....\$1.00

Also made without the woven brass wire.



INDRUBESTOS WOUND GASKETS.

Made from our Indrubestos Cord or Packing, coiled into the shape desired; each coil or wrap thoroughly joined to the other. Very strong and flexible. Not affected by acids or oils. Can be compressed to make very tight joints. Any thickness,



size made to order.

Regular sizes, per pound.....\$1.00

'TRIUMPH' ASBESTOS TUBULAR GASKET PACKING

We believe this packing to be the most convenient and economical form of Gasket Packing ever offered. It can be easily and quickly fitted to any size man-hole or hand-hole plate. It will stand the highest steam pressure and when necessary can be removed and replaced without injury. There is



absolutely no waste in its use, as only the exact length required for the gasket is cut from the coil. Having cut off the proper length of packing, the gasket is

made by bringing the two ends together over the rubber core, and then binding the seam spirally with a piece of rubber or electric tape. If these simple directions are followed out, we guarantee a tight joint. A sufficient quantity of the tape and rubber core is furnished with each box of Packing.

Put up in boxes containing from 5 to 8 pounds, with full directions for use printed on each box. Also in reels of 10 lbs., 25 lbs. and 50 lbs.

Man-hole Gaskets $\frac{3}{4}$ inch diameter, Hand-hole Gaskets $\frac{1}{2}$ inch diameter and Flange Gaskets $\frac{3}{4}$ inch diameter.

Price per lb. \$.85

ASBESTOS GASKETS



We furnish to order all shapes and sizes of Asbestos Gaskets, not exceeding 40 inches in diameter, and from 1-32 to 1-2 inch thick.

Regular shapes, round or square, per lb. \$.60

Prices on application for special sizes and shapes

ASBESTOS CLOTH

Is made from pure long Asbestos Fibre and woven on machines made expressly for this purpose, and being thoroughly fire-proof makes it a valuable article for firemen's coats, helmets and mittens. Is free from unpleasant odors which arise from rubber and is much more durable, as it will not melt or crack when exposed to the most extreme heat and is proof against the injurious effects caused by contact with acids and other chemicals. It is also used for blacksmith's aprons, theatre curtains, etc.

Being thoroughly acid-proof is especially adapted for use in filtering chemicals.

Made in light, medium and heavy weights.

Light, 36 in., $3\frac{1}{4}$ oz. to sq. ft. per yard, \$2.00

Medium, " " $4\frac{2}{3}$ " " " " " " 2.75

Heavy, " " $6\frac{1}{4}$ " " " " " " 3.25

Also made with fine wire insertion where added strength is needed.

ASBESTOS THEATRE CURTAINS.

Theatre curtains, screens, etc., made from any weight of our asbestos cloth, as ordered, already to place in position for use. The above are not carried in stock but are made to order on receipt of dimensions.

ASBESTOS TWINE.

Three strand fire-proof twine about 1-16 inch in diameter. Used for same purpose as cord. In one pound balls.

Price per lb.....\$1.00

ASBESTOS THREAD.

This is a very fine, evenly twisted, strong twine, used for sewing asbestos cloth, wrapping electrical wires, and for binding or tying articles which are to be subjected to heat.

Put up in $\frac{1}{2}$ lb. balls, per lb.....\$1.00

ASBESTOS CORD.

Stone, hard finished, four strand cord 1-8 inch in diameter, acid and fire-proof. Used for wrapping around glass-workers' forks, for suspending heated metals, crucibles, etc. In pound balls.

Price per lb.....\$1.00

ASBESTOS ROPE.

For fire escapes, fire-proof ladders, etc. All sizes from 1-2 to 2 inches in diameter.

Price per lb.....\$1.00

ASBESTOS TUBES.

Of any diameter for carrying purposes and for covering handles of tools liable to heat, and glass worker forks. All regular sizes kept in stock, Special sizes made as desired.

PRICE LIST OF TUBES.

5½ in. long,	1 in. o. d.,	3⅛ in. hole,	per 100	\$11.00
7½ " "	1 " "	3⅛ " "	" 100	12.50
9 " "	5/8 " "	3/8 " "	" 100	4.75
10 " "	5/8 " "	3/8 " "	" 100	5.75
12 " "	5/8 " "	3/8 " "	" 100	6.25
15 " "	5/8 " "	3/8 " "	" 100	7.00

ASBESTOS FIBRE.

Prepared for packing journal-boxes, filtering chemicals, filling torches, lining grates, wiping wires, etc.

XXXX, XXX, and XX Carded.

No. 1, 2, and 3 Picked.

Prices on application.

We offer our XXXX or XXX grades as especially adapted for use in connection with the extra hard Asbestos Mill-board for back walls in grates, fire-places and open front stoves.

"IMPERIAL" ASBESTO-SILICA WATER PAINT.

It is composed chiefly of finely ground Asbestos mixed with other ingredients in powdered form and is put up in various sized packages in this dry state. FIRE-PROOF PAINT is the name that might properly be given it since practically all of the materials entering into its composition are NON-COMBUSTIBLE.

For use in Public Buildings, Hospitals, Factories, Warehouses, Cellars, Stables, etc., and in fact wherever cleanliness and light are desirable and wherever it is desired to give a surface a fire-proof coating, it has no equal. It will neither rub nor scale off. No skill required either to prepare or to apply it. Extremes of temperature do not affect it.

Mix the powder with warm or hot water in a pail or other suitable vessel, to a thick paste, then stir until it becomes smooth. Continue to add water until the mixture attains the consistency of paint. Apply with calcimine or whitewash brush. Better results will be obtained if the surface to be coated has first been thoroughly cleaned.

Barrels, containing 400 to 500 lbs.....	\$.05
Keys. " 100 " 125 " .....	.06
Cans. " 10, 15 and 25 lbs .....	.08

ASBESTOS BAKING SHEETS.

Used for baking purposes, to regulate browning of cakes, bread, or meats, and to prevent burning. One dozen sheets (9x14) to the package. Price per package.....\$.10

ASBESTOS ROOFINGS AND INSULATING FELTS.



'RELIANCE' BRAND ASBESTOS ROOFING.

This Asbestos Roofing is one of the best portable composition roofings made. For durability and uniformity of the material used, it is unequalled. It is the most durable covering on the market for all kinds of roofs. It is thoroughly adapted for steep or flat surfaces, it is suited for all climates, and is in extensive use throughout the United States and Canada.

It has for its foundation, a heavy canvas or bur-lap. It is backed by a sheet of extra quality Asbestos paper, which has been thoroughly saturated with our water-proof composition, and is faced by our Superior Asphalt Felt, the three being cemented together with an acid and water-proof Asphalt composition, and passed through heavy calendar rolls by which it is compressed to a uniform thickness and rendered as flexible, firm, strong and substantial a roofing as has ever been offered to the public. Absolutely no coal tar preparations used in its manufacture.

It is made 32 inches wide, and put up in rolls containing 108 square feet allowing for the laps, and weighs about 85 pounds complete. It is rolled up in rolls of large circumference, enabling one to use every inch of the material, and is carefully

grated, thus avoiding any risk of the roofing being damaged while in transit.

This roofing makes a cool, light roof, and when finished with two coats of our Asphaltum Liquid Coating and one coat of our Asbestos Fire-proof Powdered Coating, is strictly fire-proof against falling embers or sparks from adjacent fires. We claim this to be the best and most economical roofing ever offered. It can easily be applied by an ordinary workman or laborer. No skill or special tools required. All that is necessary is to have the roof free from nails or scraps, to cement the laps and joints with our coating and securely fasten down the roofing with our roofing nails. This roofing does not require the care a tin roof does, as one application of our Asphaltum or Asbestos Coating every two or three years, will be sufficient to preserve the roof for an indefinite time.

THE "AETNA" BRAND ASBESTOS ROOFING.

Is composed of a heavy burlap centre thoroughly saturated with pure asphalt composition to each side of which is cemented a ply of our water and acid proof asbestos felt.

Put up one square to the roll. Applied in same manner as the "RELIANCE" BRAND.

Fire and sparks cannot ignite the RELIANCE and "AETNA" BRAND ROOFINGS. Not affected by acids, gases or any corrosive influences.

Price, RELIANCE and "AETNA" BRANDS per square, with Liquid Coating, Fire-proof Coating, Caps and Nails, complete.....\$4.00

"CRESCENT" BRAND ASBESTOS ROOFING, FOUR PLY.

Similar in construction to our Aetna brand with the addition of an extra inside layer of our special asphalt saturated asbestos felt making a very strong, compact, superior quality roofing.

Price per square, complete.....\$5.00

It is not necessary to coat this roofing, but to insure best service would advise doing so.

ASBESTOS ROOF COATING.

To have a good and lasting roof it is of the utmost importance to use the very best coating or covering for the fabric. We claim that our Asbestos Roof Coating is the most perfect and durable that can be made. It is not like many so-called roof coatings that are made from coal tar, lime, etc., but is composed largely of pure asphaltum, finely ground asbestos and other acid and water-proof materials. It is in liquid form ready for use, and requires no heating or other special care to prepare it for application to the roof. It is made especially for our roofings, but is also an excellent coating for felt, canvas, iron, board or shingle roofs. One gallon will cover 100 square feet with one heavy coat. A roof, when first laid, should have two coats. It is an admirable preserver of wood and is invaluable as a coating for posts, spiles, etc., which are preserved from rot and worms by its use.

Barrels, per gallon	\$.25
Half barrels, per gallon	34
5 and 10 gallon packages, per gallon	.25

ASBESTOS FLEXIBLE ROOFING CEMENT.

This Cement is composed of finely ground asbestos mixed with iron paint and other water and acid-proof materials. Prepared ready for use elastic and very adhesive.

Used for cementing or patching tin, metal or composition roofs around chimneys, skylights and dormer windows. For imbedding tile or slate and repairing leaks of all kinds. Supplied in red, brown or black colors.

Will not become hard and useless when open unless left exposed for a considerable time.

	BLACK.	BROWN AND RED.
100 to 300 lb. tubs, per lb	\$.04	\$.05
25 " 50 " pails, " "	.05	.06
10 " cans, " "	.07	.08
5 " " " " "	.10	.15

ASBESTOS FIRE-PROOF POWDERED COATING.

This is pure ground Asbestos rock and is prepared by us especially for our "A" and "B" brands of Asbestos Roofings. Five pounds is sufficient to cover one square. Caps, nails and brushes are furnished in any quantities desired.

ASBESTOS INSULATING AND ROOFING FELT

The above mentioned felts are made of Pure Selected Asbestos Felt; every fibre of which has been treated or saturated with our acid and water-proof mixture, making the felts impervious to the effects of acid, water, oils or any corrosive substance. They contain no animal or vegetable matter; therefore, will not deteriorate from exposure to the weather, and will not decay. No disagreeable odor. The three weights of single-ply, are recommended for general insulating purposes and lining under slate, tin, iron or shingle roofings.

Put up in rolls 36 inches wide, any length desired.

Price per square, No. 1 light,	11 lbs....	\$.75
" " " No. 2 medium	14 "	1.00
" " " No. 3 heavy,	18 "	1.25

The 2 and 3-ply Asbestos Insulating Felts are formed of two or three-ply of the single-ply previously mentioned, cemented together with our acid and water-proof composition and are intended for general roofing purposes where durability, strength and lightness are desired. Are tough, non-corrosive, vermin and acid-proof, and will not ignite. Recommended for roofing railroad cars and buildings, coverings for oil and acid tanks, etc.

Rolls 32 inches wide, containing 108 square feet. Easily applied with caps and nails. Should always have two coats of our Extra Quality Asbestos or Asphaltum Roof Coating.

2-Ply, per square, (108 sq. ft.).....	\$2.00
3 " " " " " "	2.75



